

Wireless crack sensing using an RFID-based folded patch antenna

Yi, X., Wang, Y., Leon, R. T., Cooper, J. & Tentzeris, M. M., 2012, *Bridge Maintenance, Safety, Management, Resilience and Sustainability - Proceedings of the Sixth International Conference on Bridge Maintenance, Safety and Management*. p. 824-830 7 p.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

WIN-WINTER - Tie- ja katuverkon talvihoidon tutkimusohjelma. Esiselvitys: Raportti tuloksista

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Research output: Book/Report › Commissioned report › Professional

WIN-WINTER - Nordic winter road maintenance research program. Preliminary study: Project report

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Variation of CPTu-based transformation models for undrained shear strength of Finnish clays

Knuuti, M. & Lämsävaara, T., 2 Oct 2019, In : *Georisk*. 13, 4, p. 262-270 9 p.

Research output: Contribution to journal › Article › Scientific › peer-review

Validation of the method to evaluate the corrosion propagation stage by hygrothermal simulation

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Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Uudessa COMBI-hankkeessa tutkitaan energiatehokkaan palvelurakentamisen haasteita ja ratkaisuja

Vinha, J., Hedman, M., Sirén, K., Harsia, P., Pentti, M., Teriö, O., Heljo, J., Laukkarinen, A., Annala, P., Kaasalainen, H., Jokisalo, J. & Pihlajamaa, P., 20 Oct 2015, *Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere..* Vinha, J. & Ruuska, T. (eds.). Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, p. 487-496 10 p. (Rakennustekniikan laitos. Rakennetekniikka. Seminaarijulkaisu; no. 4).

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Utilizing the innovation potential of suppliers in construction projects

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Utilizing mixed-mineralogy ferroan magnesite tailings as the source of magnesium oxide in magnesium potassium phosphate cement

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Research output: Contribution to journal › Article › Scientific › peer-review

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Research output: Contribution to journal › Article › Scientific › peer-review

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Research output: Contribution to journal › Review Article › Scientific › peer-review

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Research output: Contribution to journal › Article › Scientific › peer-review

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Research output: Contribution to journal > Article > Scientific > peer-review

Two models for hydraulic cylinders in flexible multibody simulations

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Research output: Chapter in Book/Report/Conference proceeding > Chapter > Scientific > peer-review

Tuulettuvien yläpohjien lämpö- ja kosteustekninen toiminta nykyisessä ja tulevaisuuden ilmastossa

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Research output: Book/Report > Book > Professional

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Research output: Contribution to journal > Conference article > Scientific > peer-review

The relative importance of input weather data for indoor overheating risk assessment in dwellings

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Research output: Contribution to journal > Article > Scientific > peer-review

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Research output: Contribution to journal > Article > Scientific > peer-review

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Research output: Other conference contribution > Paper, poster or abstract > Scientific

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Research output: Contribution to journal > Article > Scientific > peer-review

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Relationships among Civil Engineering Students' Approaches to Learning, Perceptions of the Teaching-Learning Environment, and Study Success

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Research output: Contribution to journal > Article > Scientific > peer-review

Recycling lithium mine tailings in the production of low temperature (700–900°C) ceramics: Effect of ladle slag and sodium compounds on the processing and final properties

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Research output: Contribution to journal > Article > Scientific > peer-review

Raudoitteiden korroosionopeuden määrittäminen betonijulkisivussa korkean aikaresoluution säädätin avulla

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Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Scientific

Rakennuksen ulkovaipan yli vaikuttavien paine-erojen määrittäminen rakennusfysikaalisia laskentatarkasteluja varten

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Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Professional

Radon, fungal spores and MVOCs reduction in crawl space house: A case study and crawl space development by hygrothermal modelling

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Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Professional

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Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

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Pre-use phase LCA of a multi-story residential building: Can greenhouse gas emissions be used as a more general environmental performance indicator?

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Research output: Contribution to journal › Article › Scientific › peer-review

Precision refurbishment of buildings: A façade refurbishment case study

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Research output: Contribution to journal › Article › Scientific › peer-review

Practical experiences from several moisture performance assessments

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Performance of Variable Partial Factor approach in a slope design

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People's current mobility costs and willingness to pay for Mobility as a Service offerings

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Research output: Contribution to journal › Article › Scientific › peer-review

Passive wireless antenna sensor for strain and crack sensing - Electromagnetic modeling, simulation, and testing

Yi, X., Cho, C., Cooper, J., Wang, Y., Tentzeris, M. M. & Leon, R. T., Aug 2013, In : *Smart Materials and Structures*. 22, 8, 085009.

Research output: Contribution to journal › Article › Scientific › peer-review

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Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

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Research output: Contribution to journal › Article › Scientific › peer-review

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Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Overheating in English dwellings: comparing modelled and monitored large-scale datasets

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Research output: Contribution to journal › Article › Scientific › peer-review

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Research output: Contribution to journal > Review Article > Scientific > peer-review

Multicriteria selection in concept design of a divertor remote maintenance port in the EU DEMO reactor using an AHP participative approach

Carfora, D., Gironimo, G. D., Esposito, G., Huhtala, K., Määttä, T., Mäkinen, H., Micciché, G. & Mozzillo, R., 15 Nov 2016, In : *Fusion Engineering and Design*. 112, p. 324-331 8 p.

Research output: Contribution to journal > Article > Scientific > peer-review

Moment-rotation behavior of welded tubular high strength steel T joint

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Research output: Contribution to journal > Article > Scientific > peer-review

Modelling the stressed skin effect by using shell elements with meta-material model

Pajunen, S., Hautala, J. & Heinisuo, M., 2019, In : *Magazine of Civil Engineering*. 86, 2, p. 20-29 10 p.

Research output: Contribution to journal > Article > Scientific > peer-review

Modeling of hygrothermal behavior for green facade's concrete wall exposed to nordic climate using artificial intelligence and global sensitivity analysis

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Research output: Contribution to journal > Article > Scientific > peer-review

Menetelmä parvekelasien ääneneristävyyden mitoittamiseksi liikennemelualueilla

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Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Scientific

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Research output: Contribution to journal > Article > Scientific > peer-review

Mapping indoor overheating and air pollution risk modification across Great Britain: A modelling study

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Research output: Contribution to journal > Article > Scientific > peer-review

Maanvastaisten seinien lämpö- ja kosteustekninen toiminta

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Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Scientific

Liikennetekniikan perusteet: Opetusmoniste

Mäntynen, J., Kallberg, H., Kalenoja, H., Rauhamäki, H., Pöllänen, M. M., Luukkonen, T. & Karhula, K., 2012, Tampere: Tampereen teknillinen yliopisto. Liikenteen tutkimuskeskus Verne. 216 p.

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Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Lähtökohtia tie- ja rataverkon peruspalvelutason määrittämiselle

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Koulujen ja päiväkotien sisäilman lämpötilan, suhteellisen kosteuden ja hiilidioksidipitoisuuden mittaukset COMBI-hankkeessa

Laukkarinen, A., Kauppinen, A., Tuominen, E., Raunima, T. & Vinha, J., 2019, *Rakennusfysiikka 2019: Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 28.-30.10.2019, Tampere*. Vinha, J. & Raunima, T. (eds.). Tampere: Tampereen yliopisto, Rakennustekniikka, Vol. Seminaarijulkaisu 6. p. 133-138

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Koko Julkisivua peittävän lasijulkisivun vaikutus Etelä-Ruotsissa sijaitsevan rakennuksen energiatehokkuuteen

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Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Kipsilevytuulensuojallisten puurunkoisten ulkoseinärakenteiden rakennusfysikaalinen toiminta

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Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Professional

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COMBI-hankkeen suositukset korkeatasoisten ja kosteusturvallisten palvelurakennusten toteuttamiseksi - COMBI 8

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Acoustics of vanished 19th century concert halls in Helsinki

Niemi, H., Kylliäinen, M., Jäppinen, J. & Lindqvist, M., Oct 2015, *9th International conference on Auditorium Acoustics 2015*. Institute of Acoustics, Vol. 37. p. 182-189 8 p.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific